PROGRAM SCHEDULE

Time	Programme
8:30 - 9:00 am	**Registration**
9:15 – 9:30 am	**Introduction**
9:30 –10:30 am	**Session 1** • Basics of Python.The nuts and bolts of syntax • Beginner Reference Table
10:30 – 11:00am	**Tea Break**
11:00 – 12:00 pm	**Session 2** • File I/O • How to get information in and out of a Python program
12:00 – 12:30 pm	**Q & A**
12:30 – 2:15 pm	**Lunch Break**
2:30 – 3:45 pm	**Session 3** • Data Visualization (45 minutes) • Graphing and plotting using Matplotlib
3:45 – 4:45 pm	**Session 4** Advanced Topics • Applying numerical methods using SciPy and NumPy
4:45 – 5:00 pm	**Tea Break**

python™

UNIVERSITI TEKNOLOGI MARA

THE UNIVERSITY of TENNESSEE KNOXVILLE

Data Visualization & Numerical Analysis

Using

PYTHON

PROFESSOR DR. MICHAEL W. BERRY

Professor
Department Honors Coordinator
CompSci/CompEng Advising Coordinator
Department of Electrical Engineering and
Computer Science

Professor
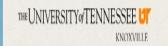Department of Mathematics
University of Tennessee

Director

CISML
CENTER FOR INTELLIGENT SYSTEMS AND MACHINE LEARNING

1st September 2015 (Tuesday)

Venue
Faculty of Computer and Mathematical Sciences